

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently amended) A method for detecting an inhibitor of p53 protein degradation comprising providing a cell extract containing one or more p53 proteins and one or more proteases, administering a peptide or protein inhibitor of calpain protease activity to the cell extract, and measuring p53 protein and p53 protein fragments.
2. (Previously presented) The method of claim 1, wherein the inhibitor administered is a calpastatin.
3. (Previously presented) The method of claim 2, wherein the calpastatin is encoded by one of SEQ ID NO: 1-3.
4. (Previously presented) The method of claim 1, wherein the cell extract is derived from a tumor cell.
5. (Previously presented) The method of claim 1, wherein the inhibitor administered is a fragment of calpastatin.
6. (Previously presented) The method of claim 4, wherein the inhibitor is a calpastatin.
7. (Previously presented) The method of claim 4, wherein the inhibitor is a fragment of calpastatin.
8. (Previously presented) The method of claim 1, wherein measuring the p53 protein and p53 protein fragments is performed using gel electrophoresis.